REMARKS

CLAIM OBJECTIONS

The Examiner considers the numbering of the claims in the Preliminary Amendment to be incorrect and has renumbered the claims in Paper No. 20. The Applicant notes the renumbered claims and presents them herein with the amended claim numbers.

35 USC §112

Claims 22-39 are rejected under 35 USC §112 as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to make/use the invention. The Applicant respectfully disagrees with each of the Examiner's assertions regarding support and enablement in the specification; however, claims 22-39 are herein canceled for other reasons, and therefore, this rejection is herein mooted.

Claims 23-30 are rejected under 35 USC §112 as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the art that the inventor, at the time the application was filed, had possession of the claimed invention. The Applicant respectfully disagrees with each of the Examiner's assertions; however, claims 23-30 are herein canceled for other reasons, and therefore, this rejection is herein mooted.

Claims 22-39 are rejected under 35 USC §112 as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Applicant respectfully disagrees; however, claims 22-39 are herein canceled for other reasons, and therefore, this rejection is herein mooted.

Claims 22-39 are rejected under 35 USC §112 as containing new matter. The Applicant respectfully disagrees with each of the Examiner's assertions; however, claims 22-39 are herein canceled for other reasons, and therefore, this rejection is herein mooted.

REQUEST FOR ALLOWANCE

Claims 40-54 are pending in this application. The applicant requests allowance of all pending claims.

Respectfully submitted,

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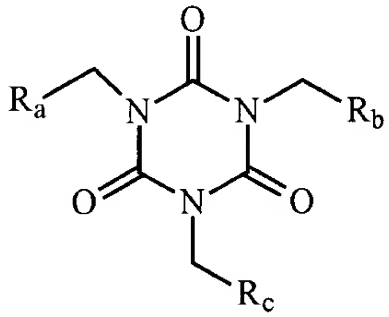
CURRENT CLAIMS ACCORDING TO REVISED AMENDMENT PRACTICE

1-9 Previously Canceled.

10-21 Previously Restricted out of Application.

22. (Canceled) An electronic device comprising a component that consists of a polymer produced from at least one monomer having the formula:



wherein each of R_a, R_b, R_c are independently selected from the group comprising: a hydroxylated aliphatic side chain; an epoxy glycol; an ethoxy ether; and a glycol ether.

23. (Canceled) The device of claim 22, wherein R_a, R_b, R_c further comprises an adduct of glycol ether and a bisphenol glycol epoxy.

24. (Canceled)The device of claim 22, wherein R_a, R_b, R_c further comprises an adduct of an epoxy glycol and an amine.

25. (Canceled) The device of claim 22, wherein R_a, R_b, R_c further comprises an adduct of a glycol ether and a cycloaliphatic epoxy.

26. (Canceled) The device of claim 22, wherein R_a, R_b, R_c further comprises and an adduct of hydroxyethyl side chain and a cycloaliphatic epoxy.

27. (Canceled) The device of claim 25, wherein the adduct is an oxybis(cyclopentene oxide).

28. (Canceled) The device of claim 24, wherein the amine an oxydianiline .

29. (Canceled) The device of claim 28, wherein the adduct is an hydroxylamine.

30. (Canceled) The device of claim 26, wherein the adduct is an oxybiscyclopentene.

31. (Canceled) The device of claim 22, wherein the polymer further comprises a bisphenol A glycidyl epoxy.

32. (Canceled) The device of claim 22, wherein the polymer further comprises a bis 3,4 epoxycyclohexylmethyl adipate.

33. (Canceled) The device of claim 22, wherein the polymer further comprises a trishydroxy-ethylisocyanurate.

34. (Canceled) The device of claim 22, wherein the electronic device further comprises a substrate.

35. (Canceled) The device of claim 34, wherein the polymer forms an interface with the substrate.

36. (Canceled) The device of claim 22, wherein the electronic device further comprises a second component comprising a second polymer.

37. (Canceled) The device of claim 36, wherein the polymer forms an interface with the second component.

38. (Canceled) The device of claim 35, wherein the interface comprises a common boundary.

39. (Canceled) The device of claim 37, wherein the interface comprises a common boundary.

40. (Added) An electronic component, comprising:

a substrate;

a polymer; and

an interface formed from the substrate and the polymer couple, wherein the substrate and the polymer are selected as candidates based on a computer-assisted model.

41. (Added) The electronic component of claim 40, wherein the computer-assisted model comprises strain cycling data.

42. (Added) The electronic component of claim 40, wherein the computer-assisted model evaluates at least one property of the interface, including size, shape and bond geometry.

43. (Added) The electronic component of claim 40, wherein the polymer comprises a rubber-modified melamine/novolac/bis A formulation.

44. (Added) The electronic component of claim 40, wherein the polymer comprises at least one of the following chemical precursors: tris(2,3-epoxypropyl)isocyanurate; 1,3,5-tris(2-hydroxyethyl) 1,3,5-triazine 2,4,6-(1H, 3H, 5H) trione; bis(2,3-epoxycyclopentyl ether); 4,4'-oxydianiline; bisphenol A glycidyl ether and bis(3,4-epoxycyclohexylmethyl)adipate.

45. (Added) The electronic component of claim 40, wherein the polymer is amorphous, crosslinked, crystalline or branched.

46. (Added) The electronic component of claim 45, wherein the polymer is crosslinked.

47. (Added) The electronic component of claim 40, wherein the interface is selected from a plurality of candidate interfaces.

48. (Added) The electronic component of claim 47, wherein each of the plurality of candidate interfaces comprises at least one of the following: a set of modeling data, a set of durability data or a set of evaluation data.

49. (Added) An electronic component, comprising:

a substrate;

a first polymer;

a second polymer; and

an interface formed from the first polymer and the second polymer couple, wherein the first polymer and the second polymer are selected as candidates based on a computer-assisted model.

50. (Added) The electronic component of claim 49, wherein the computer-assisted model comprises strain cycling data.

51. (Added) The electronic component of claim 49, wherein the computer-assisted model evaluates at least one property of the interface, including size, shape and bond geometry.

52. (Added) The electronic component of claim 49, wherein at least one of the first polymer or the second polymer comprises a rubber-modified melamine/novolac/bis A formulation.

52. (Added) The electronic component of claim 49, wherein at least one of the first polymer or the second polymer comprises at least one of the following chemical precursors: tris(2,3-epoxypropyl)isocyanurate; 1,3,5-tris(2-hydroxyethyl) 1,3,5-triazine 2,4,6-(1H, 3H, 5H) trione; bis(2,3-epoxycyclopentyl ether); 4,4'-oxydianiline; bisphenol A glycidyl ether and bis(3,4-epoxycyclohexylmethyl)adipate.

53. (Added) The electronic component of claim 49, wherein at least one of the first polymer or the second polymer is amorphous, crosslinked, crystalline or branched.

54. (Added) The electronic component of claim 53, wherein at least one of the first polymer or the second polymer is crosslinked.